

Yorkshire Dales National Park

Forecast valid from 00:00 on Saturday 14 Oct 2023 until 23:59 on Sunday 15 Oct 2023

Forecast Issued on Friday 13 Oct 2023 at 12:46

Confidence: High for a transition to much colder and fresher conditions this weekend and for largely sunny/clear skies. Moderate for shower detail in the far west on Saturday with risk of wintry precipitation at higher elevations.

Headline for Saturday 14 Oct 2023: Widely dry and sunny. Rather windy and feeling colder.

Mountain weather hazards on Saturday 14 Oct 2023

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
Low Likelihood

Poor visibility
Low Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
Low Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
							
Partly cloudy (night)	Clear night	Clear night	Sunny	Sunny	Sunny intervals	Sunny	Clear night
Precipitation probability							
<05%	<05%	<05%	<05%	<05%	20%	<05%	<05%

Forecast for Saturday 14 Oct 2023

Weather: Remaining breezy overnight with long clear periods. By day, largely sunny and many places dry. A chance of the odd brief shower in the west during the afternoon. Some possible soft hail or sleet on the highest tops. Moderate breezes at low levels, rather windy at higher elevations. Dry and largely clear during the evening with only patchy cloud.

Chance of cloud-free hill tops above 600m: 90%.

Low Cloud and visibility: Excellent visibility outside of cloud with distant hills clearly visible. Visibility briefly falling to moderate in showers, locally poor in any wintry showers. Cloud with bases infrequently lowering to 600m mainly as showers push through.

Forecast for Saturday 14 Oct 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	17/26 W	16/26 W	16/25 W	16/23 NW	16/24 NW	15/23 W	10/16 W	11/18 NW	10/17 NW
300	12/28 NW	10/25 W	10/23 NW	11/22 NW	12/23 NW	12/23 W	7/16 NW	6/14 NW	6/14 NW
Valley	8/21 NW	6/18 NW	5/15 NW	6/15 NW	11/22 NW	9/19 W	6/15 NW	6/13 NW	6/12 N

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	4/-2	3/-2	2/-3	3/-2	5/0	4/-0	2/-1	1/-3	0/-4
300	6/2	5/1	4/0	6/2	8/5	6/3	4/2	3/0	2/-1
Valley	7/5	5/3	5/3	8/6	10/7	8/6	6/4	5/3	4/2
Freezing Level*	1000m	900m	800m	800m	800m	900m	800m	700m	600m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

There is a risk of severe wind chill across the highest summits and routes. Isolated passing wintry showers on the highest routes could quickly deteriorate visibilities, becoming locally poor, though should be short-lived.

Recent rainfall: measured at Malham: altitude 375m

Recorded at
14:00 on Fri 13 Oct 2023

Last 24 hours:
6.4mm

Last 48 hours:
6.4mm

Last 72 hours:
17.6mm

Forecast for Sunday 15 Oct 2023

Weather: Dry and largely clear but cold overnight with some frost forming in valleys and on higher routes. Some patchy cloud developing on western slopes for a time. During the day, mostly sunny with winds falling light. Remaining fine and clear through the evening.

Maximum wind: Northwesterly 15-20mph, with gusts up to 25mph.

Chance of cloud-free hill tops above 600m: Generally greater than 95%, but 80% in the west during the early hours of Sunday.

Low Cloud and visibility: Widely excellent visibility with distant hills clearly visible. Visibility locally poor or very poor early Sunday in any early cloud on western slopes.

Temperature: **Valleys:** Around Zero Celsius rising to plus 09 Celsius.
At 600m: Plus 01 Celsius rising to plus 04 Celsius.
Freezing level: Above summits.